

INTERNATIONAL SEARCH REPORT

Inte
al Application No
PCT/IB 03/05358

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B26B19/14 B26B19/26

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 B26B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category ° | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| Y | EP 0 860 247 A (IZUMI PROD CO) 26 August 1998 (1998-08-26) column 3, line 6 -column 7, line 22; figures 1-7 --- | 1 |
| Y | EP 0 925 158 B (KONINKL PHILIPS ELECTRONICS NV) 26 June 2002 (2002-06-26) cited in the application page 3, paragraph 17; figures 1-3 --- | 1 |
| A | US 2 283 834 A (DAM ALEXIS VAN ET AL) 19 May 1942 (1942-05-19) page 1, column 2, line 5-40; figures 1,2 --- | 1 |
| A | US 2 308 920 A (DAM ALEXIS VAN ET AL) 19 January 1943 (1943-01-19) page 1, column 2, line 20-28; figures 1,2 --- | 1 |

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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Date of the actual completion of the international search

20 February 2004

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... on patent family members

 Inter. Application No.
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| Patent document cited in search report | | Publication date | | Patent family member(s) | | Publication date |
|----------------------------------------|---|------------------|----|-------------------------|--|------------------|
| EP 0860247 | A | 26-08-1998 | US | 6212776 B1 | | 10-04-2001 |
| | | | CA | 2227054 A1 | | 25-08-1998 |
| | | | DE | 69807763 D1 | | 17-10-2002 |
| | | | DE | 69807763 T2 | | 19-02-2004 |
| | | | EP | 0860247 A1 | | 26-08-1998 |
| EP 0925158 | B | 30-06-1999 | WO | 9835794 A1 | | 20-08-1998 |
| | | | EP | 0925158 A1 | | 30-06-1999 |
| | | | CN | 1217680 A | | 26-05-1999 |
| | | | CN | 1129510 B | | 03-12-2003 |
| | | | DE | 69806221 D1 | | 01-08-2002 |
| | | | DE | 69806221 T2 | | 13-02-2003 |
| | | | JP | 2000509628 T | | 02-08-2000 |
| | | | US | 2001039734 A1 | | 15-11-2001 |
| US 2283834 | A | 19-05-1942 | DE | 718390 C | | 11-03-1942 |
| | | | FR | 861524 A | | 11-02-1941 |
| | | | GB | 533467 A | | 13-02-1941 |
| | | | NL | 53921 C | | |
| US 2308920 | A | 19-01-1943 | CH | 214963 A | | 31-05-1941 |
| | | | DE | 694507 C | | 02-08-1940 |
| | | | GB | 538916 A | | 21-08-1941 |
| | | | NL | 59579 C | | |